

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/01908

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04C2/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 08271 A (BACCHIELLI) 17 February 2000 (2000-02-17)	1,4-15, 24-26, 33,69-73
Y	page 3, line 21 -page 5, line 12; figures 1,12,13	2,3, 10-12, 27,28, 41,42
A		48,55, 61-63,65
Y	US 5 924 213 A (LEE) 20 July 1999 (1999-07-20)	2,3, 10-12, 27,28, 41,42
	column 3, line 37 -column 4, line 61; figures 1,2	
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*G\* document member of the same patent family

Date of the actual completion of the international search

19 March 2001

Date of mailing of the international search report

26/03/2001

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Int. l. Application No  
PCT/US 01/01908

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 482 810 A (DOMTAR INC.) 29 April 1992 (1992-04-29)	48-53
A	column 11, line 40 -column 12, line 56; figure 10C	58
Y	US 1 995 393 A (MANSKE) 26 March 1935 (1935-03-26)	48-53
A	page 2, line 34 - line 48; figures 7,8,10	55,60
A	US 1 634 809 A (WEISS) 5 July 1927 (1927-07-05) figures 6,7,9	54

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Information on patent family members

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			PL 339671 A	02-01-2001
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			CA 2052718 A	23-04-1992
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US 1634809	A	05-07-1927	NONE	